



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
ARMAMENT SYSTEMS INTEGRATION CENTER
US ARMY RESEARCH, DEVELOPMENT AND ENGINEERING COMMAND
ARMAMENT RESEARCH, DEVELOPMENT AND ENGINEERING CENTER
ROCK ISLAND, ILLINOIS 61299-7300



5 November 2007

AMSRD-AAR-AIS-CMD

MEMORANDUM FOR: AMSRD-AAR-AIS-TD, (b)(6)
AMSTA-LC-WSIL, (b)(6)

SUBJECT: Transmittal of Completed Engineering Action Number L07S3093

1. The ARDEC Configuration Control Board Directive (CCBD) dated 29 October 2007 and associated change documentation (encl), Subject: Approval of ECP, M14 Enhanced Battle Rifle–Rock Island top drawing release, is provided for your expeditious action.
2. The POC for this action is (b)(6) AMSRD-AAR-AIS-CMD, extension (b)(6) email address (b)(6)

(b)(6)

(b)(6)

Chief, Dismounted Maneuver Lethality Team

Encl

CF:
JEDMICS (RI)
TECHDATA (RI)

| CONFIGURATION CONTROL BOARD DIRECTIVE | | | | 1. PAN L07S3093 | | |
|--|---------------------|--|---|--|--|-------------------------------------|
| 2a. CONFIGURATION ITEM M14 Rifle | | 2b. PART NUMBER 13019545 | 3a. CCB NAME Small Caliber Weapons | | 3b. CCB LEVEL <input type="checkbox"/> I <input checked="" type="checkbox"/> II | |
| 3c. CCB DATE 2 9 October 2007 | | 4. TYPE OF ACTION <input checked="" type="checkbox"/> ECP <input type="checkbox"/> VECP <input type="checkbox"/> RFW <input type="checkbox"/> VEP <input type="checkbox"/> RFD <input type="checkbox"/> OTHER | | 5. ORIGINATOR NAME US ARMY ARDEC AMSRD-AAR-AIS-CMD | | |
| 6a. ORIGINATOR NO. L07S3093 | | 6b. ORIGINATOR DATE 10 October 2007 | | | | |
| 8. MODIFICATION TO SUBMITTED ACTION <input type="checkbox"/> NONE <input type="checkbox"/> REVISION <input type="checkbox"/> CORRECTION <input checked="" type="checkbox"/> SEE PG 2 | | 7. SYNOPSIS OF CHANGE Initial release of Top Drawing for M14 Enhanced Battle Rifle - Rock Island. | | | | |
| 9. POSITION ON RECOMMENDATION TO CONFIGURATION MANAGER | | | | | | |
| FUNCTION | OFFICE SYMBOL | EMAIL ADDRESS | SIGNATURE | CONCUR | | |
| | | | | YES | NO | N/A |
| ARDEC CMO | AMSRD-AAR-AIS-CMD | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Weapons Engineering | AMSRD-AAR-AEF-R | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Quality Engineering | AMSRD-AAR-QEW-A | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Quality Assurance | AMSRD-AAR-QEP-C | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Procurement | AMSTA-LC-WSC-C | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Packaging | AMSRD-AAR-AIL-TP(R) | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Safety | AMSTA-CS-CZR | (b)(6) | (b)(6) | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Production | AMSJM-LIM | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| TACOM-RI | AMSTA-LC-WSIL | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ARMY | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Air Force | AFLNO | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Navy | NVLNO | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Marine Corps | MCLNO-LMP | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Product Manager Individual Weapons | SFAE-SDR-IW | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Corrosion Control | AMSRD-AAR-AEE-P(R) | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| OPM, MAS | SFAE-AMO-MAS | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Army Combat Developer | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Stockpile/NICP | AMSJM-QAE | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Ammunition Engineering | AMSRD-AAR-AEM-I | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Ammunition Maintenance | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 10a. ACTION CLASSIFICATION <input checked="" type="checkbox"/> I (MAJOR) <input type="checkbox"/> II (MINOR) <input type="checkbox"/> CRITICAL | | 10b. RECURRING RFD/RFW? <input type="checkbox"/> NO <input type="checkbox"/> YES ECP REQUIRED? <input type="checkbox"/> YES <input type="checkbox"/> NO | | 10c. ECP RESULTS FROM RFD/RFW? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | |
| 10d. COST IMPACT <input checked="" type="checkbox"/> NONE <input type="checkbox"/> DECREASE (SEE PARA 13k) <input type="checkbox"/> INCREASE (SEE PARA 13k) | | | | | | |
| 11a. CCB CHAIRMAN RECOMMENDATION <input type="checkbox"/> APPROVE <input checked="" type="checkbox"/> APPROVE AS MODIFIED <input type="checkbox"/> DISAPPROVE <input type="checkbox"/> CANCELLED/WITHDRAWN <input type="checkbox"/> OTHER | | 11b. CCB Chairperson <div style="text-align: center;">(b)(6)</div> <div style="text-align: center;">(b)(6) AMSRD-AAR-AIS-CMD</div> <small>PRINTED/TYPED NAME, OFFICE SYMBOL AND SIGNATURE</small> | | 11c. DATE 6 Nov 2007 11d. TELEPHONE DSN (b)(6) | | |
| 12a. DECISION ON ACTION <input type="checkbox"/> APPROVE <input checked="" type="checkbox"/> APPROVE AS MODIFIED <input type="checkbox"/> DISAPPROVE <input type="checkbox"/> CANCELLED/WITHDRAWN <input type="checkbox"/> OTHER | | 12b. Configuration Manager <div style="text-align: center;">(b)(6)</div> <div style="text-align: center;">(b)(6) AMSRD-AAR-AIS-CM <i>For</i></div> <small>PRINTED/TYPED NAME, OFFICE SYMBOL AND SIGNATURE</small> | | 12c. DATE 6 Nov 2007 12d. TELEPHONE DSN (b)(6) | | |

CONFIGURATION CONTROL BOARD DIRECTIVE (CONTINUED)

Page 2 of 2

PAN.

L07S3093

13. REMARKS**a. CCB RECOMMENDATION W/RATIONALE:**

Recommend approved as modified. This drawing documents the components used to create the M14 Enhanced Battle Rifle - Rock Island.

b. MODIFICATIONS/CORRECTIONS:

*Removed from drawing Item 5 Stripper Clip Sight Base (and renumbered) as this component is part of the Cantilevered Telescopic Sight Mount assembly and would be duplicated.

* Corrected contractor part number on Item 6 Cantilevered Telescopic Sight Mount; changed from B00953 to B009055.

c. QUALITY ASSURANCE REQUIREMENT CHANGES NEEDED/INCLUDED: NONE.**d. TECHNICAL MANUALS (TMs) OR DEPOT MAINT WORK REQ (DMWR) AFFECTED: NONE.****e. OTHER SYSTEMS AFFECTED: NONE.****f. FINANCIAL REQUIREMENTS: \$ 0.00 EXPLAIN:****g. SCHEDULE IMPACT: NONE.****h. CONTRACTS AND SOLICITATIONS AFFECTED: N/A****i. IMPLEMENTATION INSTRUCTIONS:**

Check One Box Only:

☒ FUTURE CONTRACTS ONLY

☐ OPTIONAL INTO EXISTING CONTRACTS (WITHOUT OBSOLESCENCE / NO COST)

☐ MANDATORY INTO EXISTING CONTRACTS

☐ WITHOUT OBSOLESCENCE ☐ WITH OBSOLESCENCE

☐ PURGE GOVERNMENT SUPPLY SYSTEM

☐ PURGE CONTRACTOR STOCK

☐ NO COST ☐ COST \$

j. FIRST ARTICLE TEST/INSPECTION RECOMMENDED ☐ YES ☒ NO**k. RATIONALE/CALCULATION FOR COST CONCESSION (RFD, RFW) OR CONTRACTUAL COST ADJUSTMENT (ECP, VECF, VEP):**

TOTAL: \$ ± % EXPLANATION:

l. ORGANIZATION RESPONSIBLE FOR DOCUMENT(S) UPDATE (ECP, VECF, VEP ONLY) (CHECK ALL THAT APPLY)

☒ ARDEC TECHNICAL DATA ☐ ARDEC QA ☐ ARDEC LRED

☐ CONTRACTOR (Specify)

☐ OTHER GOVT ORGANIZATION (Specify)

m. EXPLOSIVE ORDNANCE DISPOSAL (EOD) IMPACT: NONE.**n. OZONE DEPLETING SUBSTANCE ELIMINATED: YES NO ☒****o. MTCR RELEASIBILITY IMPACTED: YES ☐ NO ☒ IF YES, EXPLAIN:**

| | | | | | | | | | |
|--|-------------------------|---|---|---|--|---|------------------|--|--|
| ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1 | | | | | | 1. DATE (YYMMDD) 0701003 | | Form Approved OMB No. 0704-0188 | |
| <small>Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.</small> PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM. | | | | | | | | 2. PROCURING ACTIVITY NO. L07S3093 | |
| | | | | | | | | 3. DODAAC | |
| 4. ORIGINATOR | | | b. ADDRESS (Street, City, State, Zip Code) US ARMY ARDEC (R) AMSRD-AAR-AIS-CMD ROCK ISLAND, IL 61299-7300 | | | 5. CLASS OF ECP I | | | |
| a. TYPED NAME (First, Middle Initial, Last) <div style="background-color: black; color: white; text-align: center; padding: 2px;">(b)(6)</div> | | | | | | 6. JUST. CODE C | | 7. PRIORITY R | |
| 8. ECP DESIGNATION | | | | | | 9. BASELINE AFFECTED | | | |
| a. MODEL/TYPE M14 | | b. CAGE CODE 19200 | | c. SYSTEM DESIGNATION M14 RIFLE | | <input type="checkbox"/> FUNCTIONAL <input type="checkbox"/> ALLOCATED | | <input checked="" type="checkbox"/> PRODUCT | |
| d. ECP NO. | | | | e. TYPE | | f. REV | | 10. OTHER SYS./CONFIG. ITEMS AFFECTED | |
| | | | | | | | | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | |
| 11. SPECIFICATIONS AFFECTED | | | | | | 12. DRAWINGS AFFECTED | | | |
| | CAGE Code | Specification/Document No. | Rev. | SCN | CAGE Code | Number | Rev | NOR | |
| a. SYSTEM | | | | | 19200 | 13019545 | - | 1/1 | |
| b. DEVELOPMENT | | | | | | | | | |
| c. PRODUCT | | | | | | | | | |
| 13. TITLE OF CHANGE INITIAL RELEASE OF M14EBR-RI TOP DRAWING | | | | | | | | | |
| 14. CONTRACT NO. AND LINE ITEM | | | | | 15. PROCURING CONTRACTING OFFICER | | | | |
| | | | | | a. NAME (First, Middle Initial, Last) | | | | |
| | | | | | b. CODE | | c. TELEPHONE NO. | | |
| 16. CONFIGURATION ITEM NOMENCLATURE M14 RIFLE | | | | | | | | 17. IN PRODUCTION | |
| | | | | | | | | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| 18. ALL LOWER LEVEL ITEMS AFFECTED | | | | | | | | | |
| a. NOMENCLATURE | | | | | b. PART NO. | | c. NSN | | |
| 19. DESCRIPTION OF CHANGE | | | | | | | | | |
| INITIAL RELEASE OF M14EBR-RI SYSTEM TOP DRAWING, P/N 13019545. | | | | | | | | | |
| 20. NEED FOR CHANGE | | | | | | | | | |
| THE RELEASE OF DRAWING 13019545 IS FOR PROVISIONING AND CONFIGURATION MANAGEMENT. | | | | | | | | | |
| 21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER NA | | | | | 22. EFFECT ON PRODUCTION DELIVERY SCHEDULE NA | | | | |
| 23. RETROFIT | | | | | | | | | |
| a. RECOMMENDED ITEM EFFECTIVITY NA | | | | | b. SHIP/VEHICLE CLASS AFFECTED NA | | | | |
| c. ESTIMATED KIT DELIVERY SCHEDULE NA | | | | | d. LOCATIONS OR SHIP/VEHICLE NUMBERS AFFECTED NA | | | | |
| 24. ESTIMATED COSTS/SAVINGS UNDER CONTRACT NA | | | | | 25. ESTIMATED NET TOTAL COSTS/SAVINGS NA | | | | |
| 26. SUBMITTING ACTIVITY | | | | | b. TITLE | | | | |
| a. AUTHORIZED SIGNATURE <div style="background-color: black; color: white; text-align: center; padding: 2px;">(b)(6)</div> | | | | | GENERAL ENGINEER | | | | |
| 27. APPROVAL/DISAPPROVAL | | | | | | | | | |
| a. CLASS I | | | b. CLASS II | | | c. CLASS II | | | |
| <input type="checkbox"/> | APPROVAL RECOMMENDED | <input type="checkbox"/> | DISAPPROVAL RECOMMENDED | <input type="checkbox"/> | APPROVED | <input type="checkbox"/> | DISAPPROVED | <input type="checkbox"/> | |
| | | | | | | <input type="checkbox"/> CONCUR IN CLASSIFICATION OF CHANGE | | | |
| | | | | | | <input type="checkbox"/> DO NOT CONCUR IN CLASSIFICATION OF CHANGE | | | |
| d. GOVERNMENT ACTIVITY | | | | | e. SIGNATURE | | | f. DATE SIGNED YYMMDD) | |
| | | | | | | | | | |
| g. APPROVAL As Modified | | h. GOVERNMENT ACTIVITY | | | i. SIGNATURE | | | j. DATE SIGNED YYMMDD) | |
| <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED | | <div style="background-color: black; color: white; text-align: center; padding: 2px;">(b)(6)</div> Acting Chief, Configuration Management Division | | | <div style="background-color: black; color: white; text-align: center; padding: 2px;">(b)(6)</div> | | | 6 Nov 2007 | |

IDENTIFICATION OF THE APPROVED SOURCES OF SUPPLY HEREON IS NOT TO BE CONSTRUED AS A GUARANTEE OF PRESENT OR CONTINUED AVAILABILITY AS A SOURCE OF SUPPLY FOR THE ITEM DESCRIBED ON THE DRAWING.

| REVISIONS | | | | |
|-----------|----------|-----------------------|------------------|----------|
| MODEL REV | DRAW REV | DESCRIPTION | DATE(YEAR-MO-DA) | APPROVED |
| | | | | |
| | | | | |
| - | - | (REQUIRED) (REQUIRED) | (REQUIRED) | |

COMBINATION OF ADOPTED ITEMS

| ITEM NO. | QTY. | ITEM DESCRIPTION | CAGE/PART NO. (GOV'T) | CAGE/PART NO. (CONTRACTOR) | SOURCE OF SUPPLY | REMARKS |
|----------|------|---|-----------------------|----------------------------|---|---|
| 1 | 1 | RIFLE, 7.62MM, M14 | 19200:7267000 | | N/A | |
| 2 | 5 | MAGAZINE ASSEMBLY | 19200:7790183 | | N/A | |
| 3 | 1 | LASER FILTER UNIT | 19200:13010579 | | N/A | |
| 4 | 1 | SAGE EBR TACTICAL ALUMINUM CHASSIS STOCK | | 0Y503:B009039-N14ALCS | SAGE INTERNATIONAL LIMITED 3391 EBERHARDT STREET OSCODO, MI 48750-1143 (APPROVED) | |
| 5 | 1 | SAGE CANTILEVERED TELESCOPIC SIGHT MOUNT | | 0Y503:B009055-M14CSM | | |
| 6 | 1 | VERTICAL FORE GRIP | 19200:12973101 | 0Y503:B009045-M14VFG | | EITHER GOVERNMENT P/N OR CONTRACTOR P/N IS ACCEPTABLE |
| 7 | 1 | HARRIS BIPOD | | 3A703:96117 | REMINGTON ARMS COMPANY 14 HOFELER AVE. ILION, NY 13357-1816 (APPROVED) | |
| 8 | 1 | HARRIS BIPOD RAIL ADAPTER | | 1S002:98060 | KNIGHT'S ARMAMENT COMPANY 701 COLUMBIA BLVD TITUSVILLE, FL 32780 (APPROVED) | |
| 9 | 1 | LEUPOLD MARK 4, 3.5-10X40MM LR/T M3 MATTE MIL DOT SCOPE | | 35848:51850 | LEUPOLD & STEVENS, INC. 14400 NW GREENBRIER PKWY BEAVERTON, OR 97006-5791 (APPROVED) | |
| 10 | 1 | MARK 4 30MM MEDIUM MATTE RINGS | | 35848:61049 | | |

THIS DRAWING WAS GENERATED FROM A SOLID MODEL AND IS CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.

PART NO. 13019545

DISTRIBUTION STATEMENT A.
APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED.

| | | | | | | | | | |
|-----------------------|--|--|---|--|------------------|------------------|---|-----------|----------|
| PMIC | | | METRIC | | CONTRACT NUMBER | | DESIGN ACTIVITY | | |
| | | | DO NOT SCALE DRAWING | | CONTRACTOR | | US ARMY | | |
| | | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS | | | | ARMAMENT RESEARCH, DEVELOPMENT AND ENGINEERING CENTER | | |
| | | | TOLERANCES ON ANGLES ± ° | | | | PICATINNY ARSENAL, NEW JERSEY 07806-5000 | | |
| | | | 0 PLACE DECIMALS ± | | | | | | |
| MECHANICAL PROPERTIES | | | THIRD ANGLE PROJECTION | | DRAWN BY | | MI4EBR-R1 (ENHANCED BATTLE RIFLE-ROCK ISLAND) | | |
| YP | | | | | L. SMITH | DATE(YEAR-MO-DA) | | | |
| TS | | | | | J. KREIDER | 2007-07-30 | | | |
| EL2 | | | | | ENGINEER | ENGINEER | | | |
| RA | | | | | ENGINEER | QUALITY ENGINEER | | | |
| BH | | | | | DRAWING APPROVAL | | SIZE | CAGE CODE | DWG NO. |
| RH | | | | | J. WINDHAM | YEAR-MM-DD | C | 19200 | 13019545 |
| | | | | | DESIGN APPROVAL | | SCALE | UNIT WT. | SHEET |
| | | | | | T. KARCHER | YEAR-MM-DD | 1:000 | 0.000 | 1 OF 1 |
| APPLICATION | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |